

**Porous spherical particles and the preparation process for preparing  
th reof****Patent Number:****Publication date:** 2001-02-11**Inventor(s):** INOUE JUN (JP); MURAYAMA OSAMU (JP); SASAKI YASUOKI (JP); SEKIKAWA TETSUO (JP)**Applicant(s):** KANEBO LTD (JP)**Requested Patent:** TW421658**Application****Number:** TW19970110930 19970731**Priority Number(s):** JP19960219412 19960731**IPC Classification:** C08J9/30; C08J9/35**EC Classification:****Equivalents:****Abstract**

Porous spherical particles with mechanical strength and high autiabrasity and microbial affinity, useful as biological carrier. The process for preparing them with simplicity and high productivity is also disclosed. The porous spherical particles have polyvinyl acetal resin as skeleton, the porous rate being 50-95%, and acetalation 30-85 mol%. The particles can be made by dropping polyvinyl alcohol an aqueous solution of water solubity high molecular polymer and aldehydes into an acid solution and gelatin by the reaction of polyvinyl alcohol and aldehye.

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